

WHAT IS CLAIMED IS:

1. A tissue product for improving skin health comprising a tissue paper and a cleansing composition, the cleansing composition comprising a thermoplastic polymer and a water soluble neutral oligosaccharide, wherein the thermoplastic polymer is selected from the group consisting of polymethylmethacrylate, methyl methacrylate crosspolymer, polyethylene, ethylene/acrylate copolymer, Nylon_12, polymethylsilsesquiosane, ethylene vinyl alcohol, polyvinyl acetate, acrylic, polyvinyl acetate acrylate, acrylates, polyvinyl dichloride, ethylene vinyl acetate, ethylene vinyl chloride, polyvinyl chloride, styrene, styrene acrylate, polymethylsilsesquiosanestyrene/butadiene, styrene/acrylonitrile, butadiene/acrylonitrile, acrylonitrile/butadiene/styrene, ethylene acylic acid, polyethylene, urethanes, polycarbonate, polypropylene, polyesters, polyimides, and silicone resin, and wherein the water soluble neutral oligosaccharide is selected from the group consisting of starch, dextran, inulin, and xanthan.

2. The tissue product as set forth in claim 1 wherein the thermoplastic polymer is polymethylmethacrylate.

3. The tissue product as set forth in claim 1 wherein the water soluble neutral oligosaccharide is water soluble starch.

4. The tissue product as set forth in claim 3 wherein the starch has a molecular-weight of from about 0.5 kilodaltons to about 1000 kilodaltons.

5. The tissue product as set forth in claim 3 wherein the starch is a high molecular-weight, water soluble dextrin.

6. The tissue product as set forth in claim 3 wherein the starch is amyloextrin.

7. The tissue product as set forth in claim 1 wherein the starch is derived from a source selected from the group consisting of corn starch, arrowroot starch, rice starch, sorghum gum, and tapioca starch.

8. The tissue product as set forth in claim 1 wherein the thermoplastic polymer is a spherical powder or resin.

9. The tissue product as set forth in claim 1 wherein the thermoplastic polymer has an average particle diameter of from about 0.1 micrometers to about 20 micrometers.

10. The tissue product as set forth in claim 1 wherein the thermoplastic polymer has an average particle diameter of from about 0.1 micrometers to about 12 micrometers.

11. The tissue product as set forth in claim 1 wherein the thermoplastic polymer has an average particle diameter of from about 0.4 micrometers to about 7 micrometers.

12. The tissue product as set forth in claim 1 wherein the cleansing composition comprises from about 10% (by total weight of the cleansing composition) to about 90% (by total weight of the cleansing composition) of the thermoplastic polymer and from about 10% (by total weight of the cleansing composition) to about 90% (by total weight of the cleansing composition) of the water soluble neutral oligosaccharide.

13. The tissue product as set forth in claim 1 wherein the cleansing composition comprises a weight ratio of

thermoplastic polymer to water soluble neutral oligosaccharide of about 9:1.

14. The tissue product as set forth in claim 1 wherein the cleansing composition comprises a weight ratio of thermoplastic polymer to water soluble neutral oligosaccharide of about 1:9.

15. The tissue product as set forth in claim 1 wherein the cleansing composition is present in an amount from about 0.01% (by weight of the tissue paper) to about 25% (by weight of the tissue paper).

16. The tissue product as set forth in claim 1 wherein the cleansing composition is present in an amount of from about 1% (by weight of the tissue paper) to about 5% (by weight of the tissue paper).

17. The tissue product as set forth in claim 1 wherein the cleansing composition is present in an amount of from about 1% (by weight of the tissue paper) to about 2% (by weight of the tissue paper).

18. The tissue product as set forth in claim 1 wherein the tissue paper is selected from the group consisting of bath tissue, facial tissue, disposable towels, napkins, hanks, and polyolefin wipes.

19. The tissue product as set forth in claim 1 wherein the cleansing composition comprises at least one additional component selected from the group consisting of emulsifiers, surfactants, humectants, moisturizers, emollients, microencapsulated skin health actives, water, viscosity modifiers, pH modifiers, buffers, enzyme

inhibitors/inactivators, suspending agents, natural moisturizing actives, antifungal actives, pharmaceutical actives, film formers, deodorants, opacifiers, astringents, solvents, organic acids, coloring agents, preservatives, antiviral actives, drugs, vitamins, aloe vera, panthenol, and combinations thereof.

20. A tissue product for improving skin health comprising a tissue paper and a cleansing composition, wherein the cleansing composition comprises polymethylmethacrylate and a water soluble starch.

21. The tissue product as set forth in claim 20 wherein the starch has a molecular-weight of from about 0.5 kilodaltons to about 1000 kilodaltons.

22. The tissue product as set forth in claim 20 wherein the starch is a high molecular-weight, water soluble dextrin.

23. The tissue product as set forth in claim 20 wherein the starch is amylopectin.

24. The tissue product as set forth in claim 20 wherein the starch is derived from a source selected from the group consisting of potato starch, corn starch, arrowroot starch, rice starch, sorghum gum, and tapioca starch.

25. The tissue product as set forth in claim 20 wherein the polymethylmethacrylate is a spherical powder.

26. The tissue product as set forth in claim 25 wherein the polymethylmethacrylate powder has an average particle diameter of from about 0.1 micrometers to about 20 micrometers.

27. The tissue product as set forth in claim 25 wherein the polymethylmethacrylate powder has an average particle diameter of from about 0.1 micrometers to about 12 micrometers.

28. The tissue product as set forth in claim 25 wherein the polymethylmethacrylate powder has an average particle diameter of from about 0.4 micrometers to about 7 micrometers.

29. The tissue product as set forth in claim 20 wherein the cleansing composition comprises a weight ratio of polymethylmethacrylate to starch of about 9:1.

30. The tissue product as set forth in claim 20 wherein the gentle cleansing composition comprises a weight ratio of polymethylmethacrylate to starch of about 1:9.

31. The tissue product as set forth in claim 20 wherein the cleansing composition is present in an amount from about 0.01% (by weight of the tissue paper) to about 25% (by weight of the tissue paper).

32. The tissue product as set forth in claim 20 wherein the cleansing composition is present in an amount from about 1% (by weight of the tissue paper) to about 5% (by weight of the tissue paper).

33. The tissue product as set forth in claim 20 wherein the cleansing composition is present in an amount from about 1% (by weight of the tissue paper) to about 2% (by weight of the tissue paper).

34. The tissue product as set forth in claim 20 wherein the cleansing composition comprises from about 10% (by total weight of the cleansing composition) to about 90% (by total weight of the cleansing composition) of polymethylmethacrylate and from about 10% (by total weight of the cleansing composition) to about 90% (by total weight of the cleansing composition) of water soluble starch.

35. The tissue product as set forth in claim 20 wherein the tissue is selected from the group consisting of bath tissue, facial tissue, disposable towels, napkins, hanks, and polyolefin wipes.

36. The tissue product as set forth in claim 20 wherein the cleansing composition comprises at least one additional component selected from the group consisting of emulsifiers, surfactants, water, viscosity modifiers, pH modifiers, buffers, enzyme inhibitors/inactivators, suspending agents, natural moisturizing actives, humectants, moisturizers, emollients, encapsulated skin health ingredients, antifungal actives, pharmaceutical actives, film formers, deodorants, opacifiers, astringents, solvents, organic acids, coloring agents, preservatives, antiviral actives, drugs, vitamins, aloe vera, panthenol, and combinations thereof.

37. A skin cleansing composition comprising a thermoplastic polymer and a water soluble neutral oligosaccharide, the thermoplastic polymer being selected from the group consisting of polymethylmethacrylate, methyl methacrylate crosspolymer, polyethylene, ethylene/acrylate copolymer, Nylon_12, polymethylsilsesquiosane, ethylene vinyl alcohol, polyvinyl acetate, acrylic, polyvinyl acetate acrylate, acrylates, polyvinyl dichloride, ethylene vinyl acetate, ethylene vinyl chloride, polyvinyl chloride,

styrene, styrene acrylate, styrene/butadiene, styrene/acrylonitrile, butadiene/acrylonitrile, acrylonitrile/butadiene/styrene, ethylene acyclic acid, polyethylene, urethanes, polycarbonate, polypropylene, polyesters, polyimides, and silicone resin, and the water soluble neutral oligosaccharide being selected from the group consisting of starch, dextran, inulin, and xanthan.

38. The cleansing composition as set forth in claim 37 wherein the thermoplastic polymer is polymethylmethacrylate.

39. The cleansing composition as set forth in claim 37 wherein the water soluble neutral oligosaccharide is a water soluble starch.

40. The tissue product as set forth in claim 39 wherein the starch has a molecular-weight from about 0.5 kilodaltons to about 1000 kilodaltons.

41. The tissue product as set forth in claim 39 wherein the starch is a high molecular-weight, water soluble dextrin.

42. The tissue product as set forth in claim 39 wherein the starch is amylopectin.

43. The cleansing composition as set forth in claim 37 wherein the starch is derived from a source selected from the group consisting of corn starch, arrowroot starch, rice starch, sorghum gum, and tapioca starch.

44. The cleansing composition as set forth in claim 37 wherein the thermoplastic polymer is a spherical powder or resin.

45. The cleansing composition as set forth in claim 37 wherein the thermoplastic polymer has an average particle diameter of from about 0.1 micrometers to about 20 micrometers.

46. The cleansing composition as set forth in claim 37 wherein the thermoplastic polymer has an average particle diameter of from about 0.1 micrometers to about 12 micrometers.

47. The cleansing composition as set forth in claim 37 wherein the thermoplastic polymer has an average particle diameter of from about 0.4 micrometers to about 7 micrometers.

48. The cleansing composition as set forth in claim 37 wherein the composition comprises from about 10% (by total weight of the cleansing composition) to about 90% (by total weight of the cleansing composition) of thermoplastic polymer and from about 10% (by total weight of the cleansing composition) to about 90% (by total weight of the cleansing composition) of water soluble neutral oligosaccharide.

49. The cleansing composition as set forth in claim 37 wherein the cleansing composition comprises a weight ratio of thermoplastic polymer to water soluble neutral oligosaccharide of about 9:1.

50. The cleansing composition as set forth in claim 37 wherein the cleansing composition comprises a weight ratio of thermoplastic polymer to water soluble neutral oligosaccharide of about 1:9.

51. The tissue product as set forth in claim 37 wherein the cleansing composition comprises at least one additional component selected from the group consisting of emulsifiers, surfactants, water, viscosity modifiers, pH modifiers, buffers, enzyme inhibitors/inactivators, suspending agents, natural moisturizing actives, humectants, moisturizers, emollients, encapsulated skin health agents, antifungal actives, pharmaceutical actives, film formers, deodorants, opacifiers, astringents, solvents, organic acids, coloring agents, preservatives, antiviral actives, drugs, vitamins, aloe vera, panthenol, and combinations thereof.

52. A method for removing microbes and soil from the skin to improve skin health, the method comprising contacting a tissue paper with the skin surface, the tissue paper comprising a cleansing composition, the cleansing composition comprising a thermoplastic polymer and a water soluble neutral oligosaccharide, the thermoplastic polymer being selected from the group consisting of polymethylmethacrylate, methyl methacrylate crosspolymer, polyethylene, ethylene/acrylate copolymer, Nylon_12, polymethylsilsesquiosane, ethylene vinyl alcohol, polyvinyl acetate, acrylic, polyvinyl acetate acrylate, acrylates, polyvinyl dichloride, ethylene vinyl acetate, ethylene vinyl chloride, polyvinyl chloride, styrene, styrene acrylate, styrene/butadiene, styrene/acrylonitrile, butadiene/acrylonitrile, acrylonitrile/butadiene/styrene, ethylene acrylic acid, polymethylsilsesquiosanepolyethylene, urethanes, polycarbonate, polypropylene, polyesters, polyimides, and silicone resin, and the water soluble neutral oligosaccharide being selected from the group consisting of starch, dextran, inulin, and xanthan.

53. The method as set forth in claim 52 wherein the thermoplastic polymer is polymethylmethacrylate.

54. The method as set forth in claim 52 wherein the water soluble neutral oligosaccharide is water soluble starch.

55. The tissue product as set forth in claim 54 wherein the starch has a molecular-weight of from about 0.5 kilodaltons to about 1000 kilodaltons.

56. The tissue product as set forth in claim 54 wherein the starch is a high molecular-weight, water soluble dextrin.

57. The tissue product as set forth in claim 54 wherein the starch is amyloextrin.

58. The method as set forth in claim 52 wherein the starch is derived from a source selected from the group consisting of corn starch, arrowroot starch, rice starch, sorghum gum, and tapioca starch.

59. The method as set forth in claim 52 wherein the thermoplastic polymer is a spherical powder or resin.

60. The method as set forth in claim 52 wherein the thermoplastic polymer has an average particle diameter of from about 0.1 micrometers to about 20 micrometers.

61. The method as set forth in claim 52 wherein the thermoplastic polymer has an average particle diameter of from about 0.1 micrometers to about 12 micrometers.

62. The method as set forth in claim 52 wherein the thermoplastic polymer has an average particle diameter of from about 0.4 micrometers to about 7 micrometers.

63. The method as set forth in claim 52 wherein the cleansing composition is present in an amount of from about 0.01% (by weight of the tissue paper) to about 25% (by weight of the tissue paper).

64. The method as set forth in claim 52 wherein the cleansing composition is present in an amount of from about 1% (by weight of the tissue paper) to about 5% (by weight of the tissue paper).

65. The method as set forth in claim 52 wherein the cleansing composition is present in an amount of from about 1% (by weight of the tissue paper) to about 2% (by weight of the tissue paper).

66. The method as set forth in claim 52 wherein the cleansing composition comprises from about 10% (by total weight of the cleansing composition) to about 90% (by total weight of the cleansing composition) of thermoplastic polymer and from about 10% (by total weight of the cleansing composition) to about 90% (by total weight of the cleansing composition) of water soluble neutral oligosaccharide.

67. The method as set forth in claim 52 wherein the cleansing composition comprises a weight ratio of thermoplastic polymer to water soluble neutral oligosaccharide of about 9:1.

68. The method as set forth in claim 52 wherein the cleansing composition comprises a weight ratio of

thermoplastic polymer to water soluble neutral oligosaccharide of about 1:9.

69. The method as set forth in claim 52 wherein the cleansing composition comprises at least one additional component selected from the group consisting of emulsifiers, surfactants, water, viscosity modifiers, pH modifiers, buffers, enzyme inhibitors/inactivators, suspending agents, natural moisturizing actives, antifungal actives, humectants, moisturizers, emollients, microencapsulated skin health ingredients, pharmaceutical actives, film formers, deodorants, opacifiers, astringents, solvents, organic acids, coloring agents, preservatives, antiviral actives, drugs, vitamins, aloe vera, panthenol, and combinations thereof.

70. A tissue product for improving skin health, the tissue product having a cleaning value as defined herein of greater than about 0.8 and a gentleness value as defined herein of less than about 1.05.

71. The tissue product as set forth in claim 70 wherein the cleaning value as defined herein is greater than 1.0 and the gentleness value as defined herein is less than 1.0.

72. The tissue product as set forth in claim 70 comprising a cleansing composition, the cleansing composition comprising a thermoplastic polymer and a water soluble neutral oligosaccharide, wherein the thermoplastic polymer is selected from the group consisting of polymethylmethacrylate, methyl methacrylate crosspolymer, polyethylene, ethylene/acrylate copolymer, Nylon_12, polymethylsilsesquioxane, ethylene vinyl alcohol, polyvinyl acetate, acrylic, polyvinyl acetate acrylate, acrylates, polyvinyl dichloride, ethylene vinyl acetate, ethylene vinyl

chloride, polyvinyl chloride, styrene, styrene acrylate, styrene/butadiene, styrene/acrylonitrile, butadiene/acrylonitrile, acrylonitrile/butadiene/styrene, ethylene acylic acid, polyethylene, urethanes, polycarbonate, polypropylene, polyesters, polyimides, and silicone resin, and wherein the water soluble neutral oligosaccharide is selected from the group consisting of starch, dextran, inulin, and xanthan.

73. The tissue product as set forth in claim 72 wherein the thermoplastic polymer is polymethylmethacrylate.

74. The tissue product as set forth in claim 72 wherein the water soluble neutral oligosaccharide is water soluble starch.

75. The tissue product as set forth in claim 74 wherein the starch has a molecular-weight of from about 0.5 kilodaltons to about 1000 kilodaltons.

76. The tissue product as set forth in claim 74 wherein the starch is a high molecular-weight, water soluble dextrin.

77. The tissue product as set forth in claim 74 wherein the starch is amyloextrin.

78. The tissue product as set forth in claim 72 wherein the starch is derived from a source selected from the group consisting of corn starch, arrowroot starch, rice starch, sorghum gum, and tapioca starch.

79. The tissue product as set forth in claim 72 wherein the thermoplastic polymer is a spherical powder or resin.

80. The tissue product as set forth in claim 72 wherein the thermoplastic polymer has an average particle diameter of from about 0.1 micrometers to about 20 micrometers.

81. The tissue product as set forth in claim 72 wherein the thermoplastic polymer has an average particle diameter of from about 0.1 micrometers to about 12 micrometers.

82. The tissue product as set forth in claim 72 wherein the thermoplastic polymer has an average particle diameter of from about 0.4 micrometers to about 7 micrometers.

83. The tissue product as set forth in claim 72 wherein the cleansing composition comprises from about 10% (by total weight of the cleansing composition) to about 90% (by total weight of the cleansing composition) of the thermoplastic polymer and from about 10% (by total weight of the cleansing composition) to about 90% (by total weight of the cleansing composition) of the water soluble neutral oligosaccharide.

84. The tissue product as set forth in claim 72 wherein the cleansing composition comprises a weight value of thermoplastic polymer to water soluble neutral oligosaccharide of about 9:1.

85. The tissue product as set forth in claim 72 wherein the cleansing composition comprises a weight value of thermoplastic polymer to water soluble neutral oligosaccharide of about 1:9.

86. The tissue product as set forth in claim 72 wherein the cleansing composition is present in an amount from about 0.01% (by weight of the tissue paper) to about 25% (by weight of the tissue paper).

87. The tissue product as set forth in claim 72 wherein the cleansing composition is present in an amount of from about 1% (by weight of the tissue paper) to about 5% (by weight of the tissue paper).

88. The tissue product as set forth in claim 72 wherein the cleansing composition is present in an amount of from about 1% (by weight of the tissue paper) to about 2% (by weight of the tissue paper).

89. The tissue product as set forth in claim 72 wherein the tissue paper is selected from the group consisting of bath tissue, facial tissue, disposable towels, napkins, hanks, and polyolefin wipes.

90. The tissue product as set forth in claim 72 wherein the cleansing composition comprises at least one additional component selected from the group consisting of emulsifiers, surfactants, water, viscosity modifiers, pH modifiers, buffers, enzyme inhibitors/inactivators, suspending agents, natural moisturizing actives, antifungal actives, pharmaceutical actives, humectants, moisturizers, emollients, encapsulated skin health ingredients, film formers, deodorants, opacifiers, astringents, solvents, organic acids, coloring agents, preservatives, antiviral actives, drugs, vitamins, aloe vera, panthenol, and combinations thereof.

91. A tissue product for improving skin health comprising a tissue paper and a cleansing composition, the cleansing composition comprising a thermosetting polymer and a water soluble neutral oligosaccharide, wherein the thermosetting polymer is selected from the group consisting of epoxy, phenolic, bismaleimide, polyimide,

melamine/formaldehyde, polyester, urethanes, urea, and urea/formaldehyde, and wherein the water soluble neutral oligosaccharide is selected from the group consisting of starch, dextran, inulin, and xanthan.

92. The tissue product as set forth in claim 91 wherein the water soluble neutral oligosaccharide is water soluble starch.

93. The tissue product as set forth in claim 92 wherein the starch has a molecular-weight of from about 0.5 kilodaltons to about 1000 kilodaltons.

94. The tissue product as set forth in claim 92 wherein the starch is a high molecular-weight, water soluble dextrin.

95. The tissue product as set forth in claim 92 wherein the starch is amyloextrin.

96. The tissue product as set forth in claim 91 wherein the starch is derived from a source selected from the group consisting of corn starch, arrowroot starch, rice starch, sorghum gum, and tapioca starch.

97. The tissue product as set forth in claim 91 wherein the cleansing composition comprises from about 1% (by total weight of the cleansing composition) to about 40% (by total weight of the cleansing composition) of the thermosetting polymer and from about 10% (by total weight of the cleansing composition) to about 90% (by total weight of the cleansing composition) of the water soluble neutral oligosaccharide.

98. The tissue product as set forth in claim 91 wherein the cleansing composition comprises a weight ratio of

thermosetting polymer to water soluble neutral oligosaccharide of about 9:1.

99. The tissue product as set forth in claim 91 wherein the cleansing composition comprises a weight ratio of thermosetting polymer to water soluble neutral oligosaccharide of about 1:9.

100. The tissue product as set forth in claim 91 wherein the cleansing composition is present in an amount from about 0.01% (by weight of the tissue paper) to about 25% (by weight of the tissue paper).

101. The tissue product as set forth in claim 91 wherein the cleansing composition is present in an amount of from about 1% (by weight of the tissue paper) to about 5% (by weight of the tissue paper).

102. The tissue product as set forth in claim 91 wherein the cleansing composition is present in an amount of from about 1% (by weight of the tissue paper) to about 2% (by weight of the tissue paper).

103. The tissue product as set forth in claim 91 wherein the tissue paper is selected from the group consisting of bath tissue, facial tissue, disposable towels, napkins, hanks, and polyolefin wipes.

104. The tissue product as set forth in claim 91 wherein the cleansing composition comprises at least one additional component selected from the group consisting of emulsifiers, surfactants, water, viscosity modifiers, pH modifiers, buffers, enzyme inhibitors/inactivators, suspending agents, natural moisturizing actives, antifungal actives,

pharmaceutical actives, film formers, deodorants, opacifiers, astringents, humectants, moisturizers, emollients, microencapsulated skin health ingredients, solvents, organic acids, coloring agents, preservatives, antiviral actives, drugs, vitamins, aloe vera, panthenol, and combinations thereof.